

Title (en)
BEVERAGE VENDING MACHINE, CUP DISPENSING ASSEMBLY THEREFOR, AND RELATED METHODS

Title (de)
GETRÄNKEAUTOMAT, BECHERAUSGABESYSTEM DAFÜR UND ZUGEHÖRIGE VERFAHREN

Title (fr)
DISTRIBUTEUR AUTOMATIQUE DE BOISSONS, ENSEMBLE DE DISTRIBUTION DE GOBELETS POUR CELUI-CI ET PROCÉDÉS ASSOCIÉS

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Application
EP 20838141 A 20201203

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Abstract (en)
[origin: WO2021116662A1] A beverage vending machine, a cup dispensing assembly thereof, and a method of vending a beverage. The beverage vending machine may have a cup dispensing assembly that includes a plurality of cup dispensing mechanisms. Each of the cup dispensing mechanisms may include a plurality of scrolls arranged around a cup dispensing aperture. The plurality of scrolls may support a stack of cups and dispense a lowermost cup of the stack of cups through the cup dispensing aperture. The plurality of scrolls of each of the cup dispensing mechanisms may include a first pair of adjacent scrolls and a second pair of adjacent scrolls. During the dispensing of the lowermost cup of the stack of cups, the first pair of adjacent scrolls may rotate in a first rotational direction and the second pair of adjacent scrolls may rotate in a second rotational direction that is opposite the first rotational direction.

IPC 8 full level
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See references of WO 2021116662A1

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